

Online Research Queries and the GIS Map Viewer



Mark Maddox



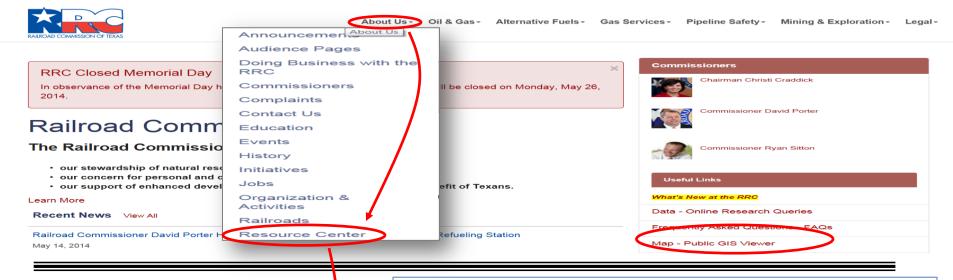
GIS Mapping History



As part of its mandate to regulate the drilling and production of the oil and gas industry in Texas, the RRC maintains maps showing historical, current, and proposed well locations. In the past, manually drawn maps were used. The hardcopy maps became worn and overcrowded with handwritten data. In most cases, copies could not be made for the public because the base maps were copyrighted.

- 1984 The RRC began building its computerized well location mapping system.
- 1994 The base map and original Texas land survey data layers were completed.
- 1995 The well data layer was completed.
- 1999 The computerized mapping database was converted to ESRI Arc/Info GIS software.

July 2002, the well data layer contained 1,081,409 wells and/or permitted locations with 680,634 API numbers linked to well locations in the well data layer.



Resource Center

The Resource Center provides popular information

Frequently Asked Questions

- · Who Regulates Railroads in Texas
- Alternative Fuel FAQs
- Gas Services FAQs
- General Frequently Asked Question
- Mining & Exploration FAQs
- Oil & Gas FAQs
- Oil & Gas Exploration and Surface Ow
- Pipeline Safety FAQs
- Railroad Commission Authority and Jurisdiction
- Royalties FAQ

Other Internet Sites of Interest

Select Resource Center

- Research
 - Public GIS Viewers (Maps)

The maps can be found under **Research** select Public GIS Viewer

Another option is to choose Maps – Pubic GIS Map Viewer

(from the right hand side bar information on the home page)

From the RRC homepage, choose **About Us**

- Online Research Queries
- **Publications**



The following training videos provide step-by-step instruction for new features of the Public GIS Viewer. The videos will open in a separate window, allowing you to toggle between the video and viewer. Note: These videos do not contain audio.

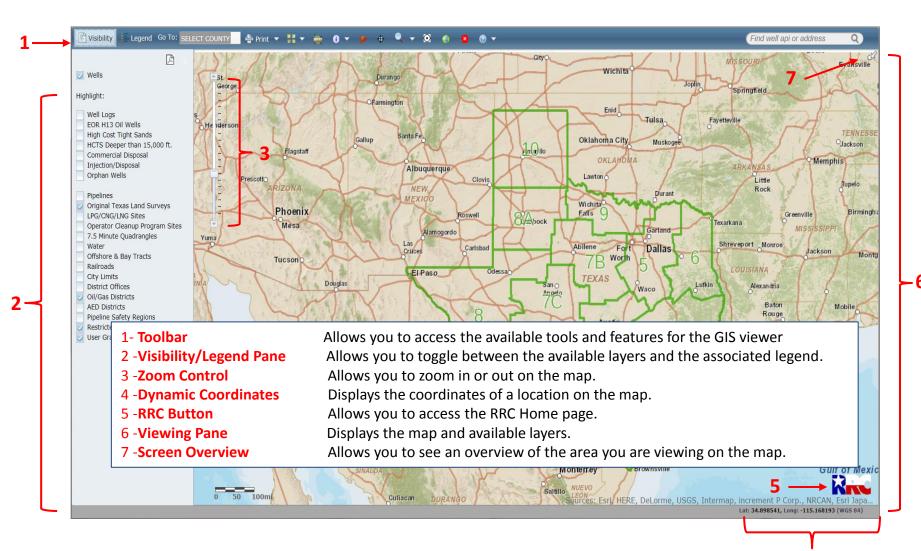
- API# or Address Search
- Survey Search
- **Locating Pipelines**
- **Viewing Coordinates**

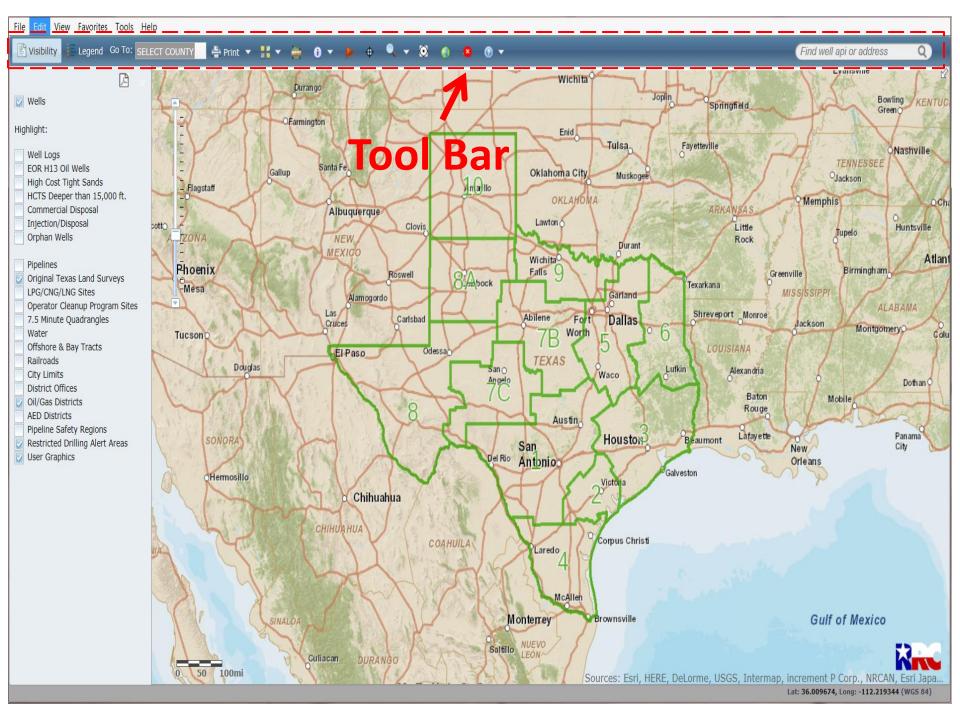
Launch Public GIS Viewer

The Public GIS Viewer contains the combined functionality of the Legacy GIS Viewer and the newer appearance of the Enhanced GIS Viewer. In addition, the viewer has been improved with the addition of the following features and is updated nightly.

Screen Overview

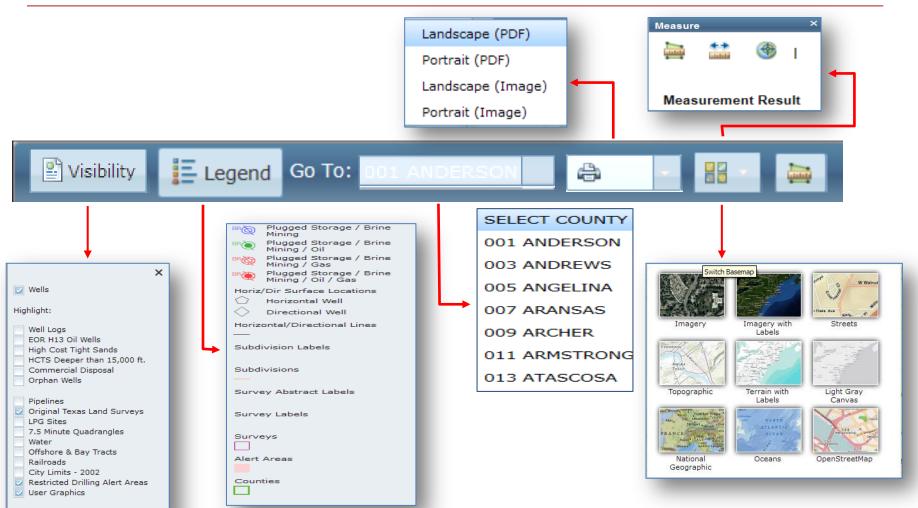






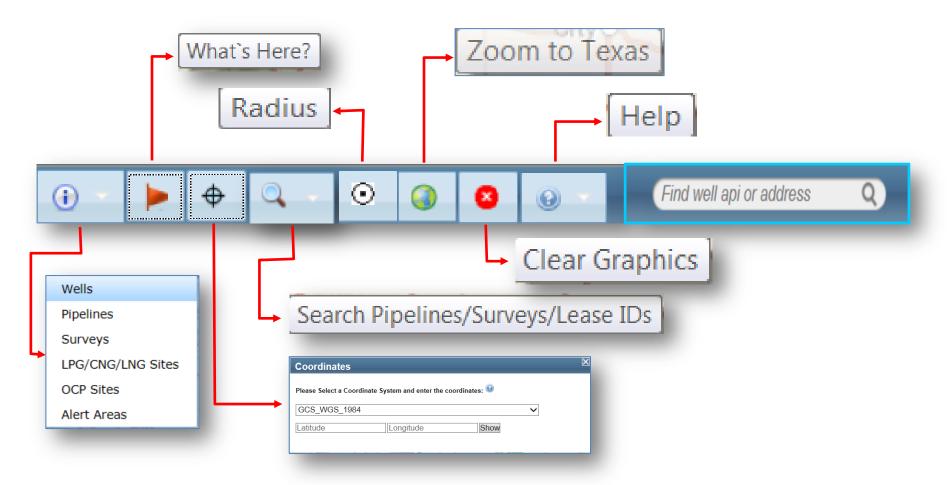
Tool Bar





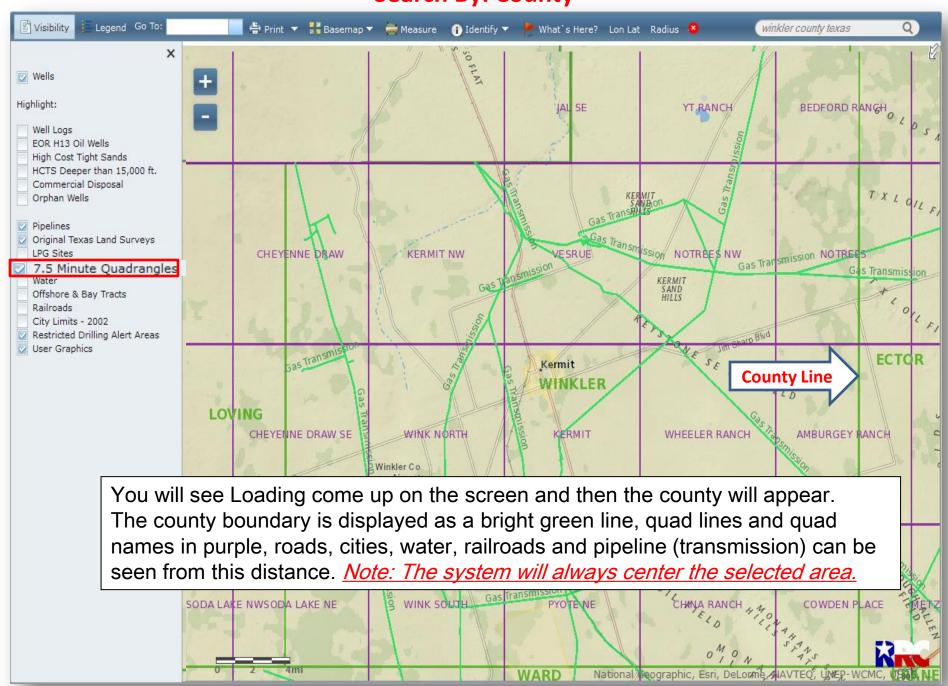
Tool Bar





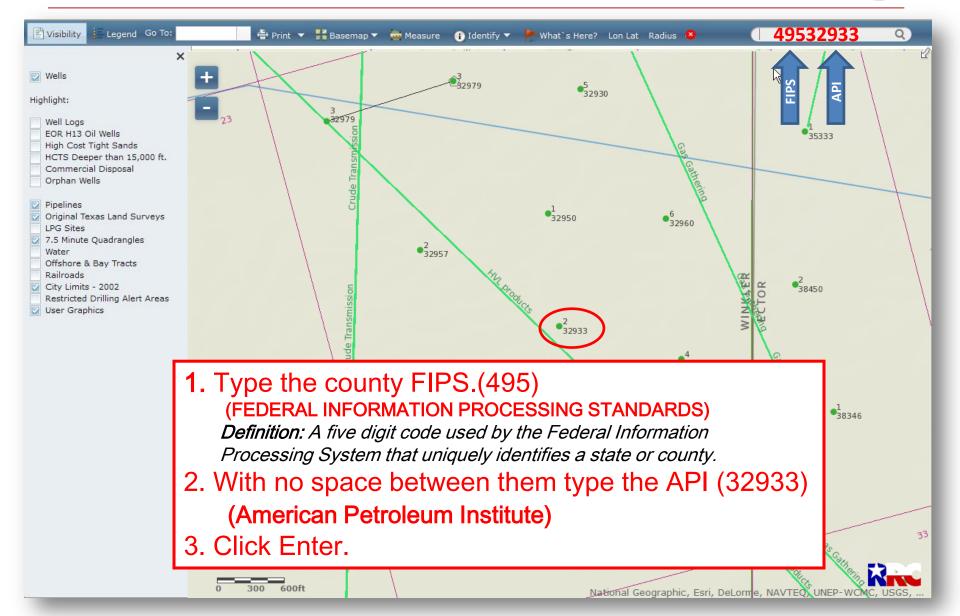
Search By: County Visibility Legend Go To: 495 WINKLER 兽 Print ▼ 🕌 Basemap ▼ 🐞 Measure 👔 Identify ▼ winkler county texas What`s Here? Lon Lat Radius 493 WILSON 495 WINI ER 497 WISE lashville. 499 WOOD City TENNESSEE 501 YOAKUM Memphis 503 YOUNG · Little Rock ARKANSAS 505 ZAPATA RIZONA WICHING Falls Lubbock Birmingham Phoenix ALABAMA Dallas MISSISSIPPI Montgome From the Go to County/Offshore Area/Bay Tucson Left click on the box and go down to the county needed. (Winkler) Right click on the County name. You also can navigate by typing county name in search engine. New Orleans Houston SONORA San Antonio Hermosillo Chihuahua CHIHUA HUA Corpus Christi COAHUILA Brownsville Monterrey SINAL QA National Geographic, Esri, Del Gmy, Na Freq, ONFP-WMC, US&S, N&SA Torreón Saltillo

Search By: County



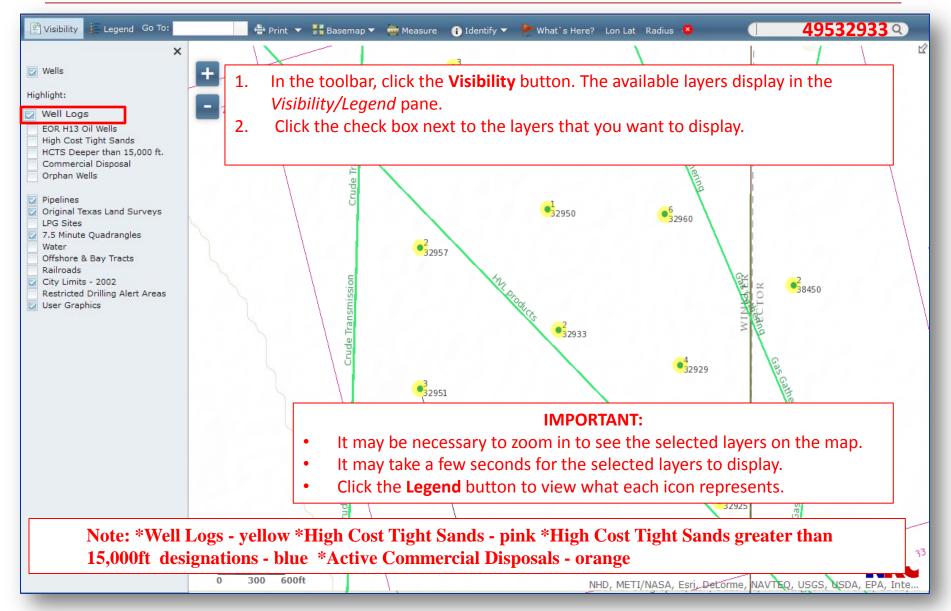
Search By: Wellbore API Number





Visibility Tool





Basemap Tool





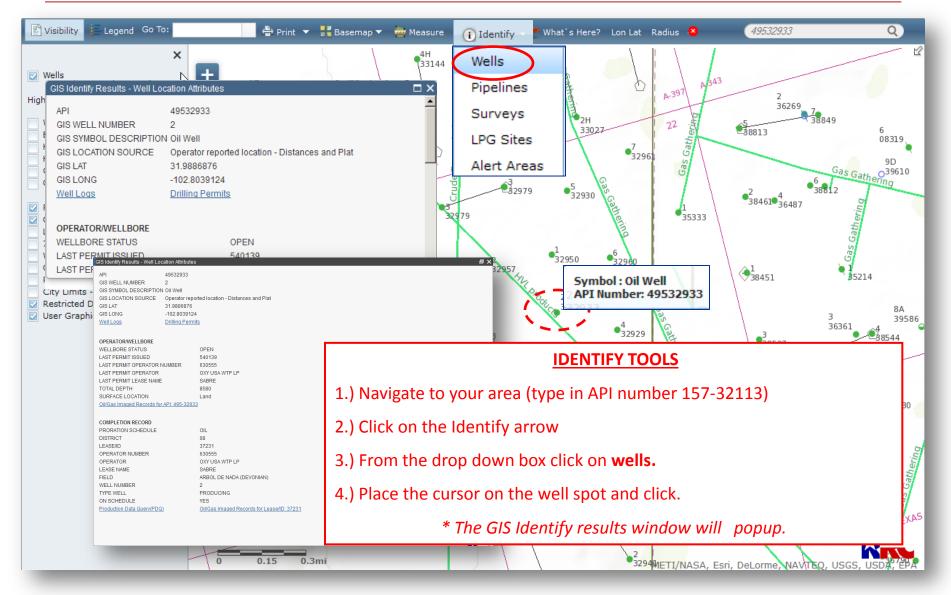
Measure Tool





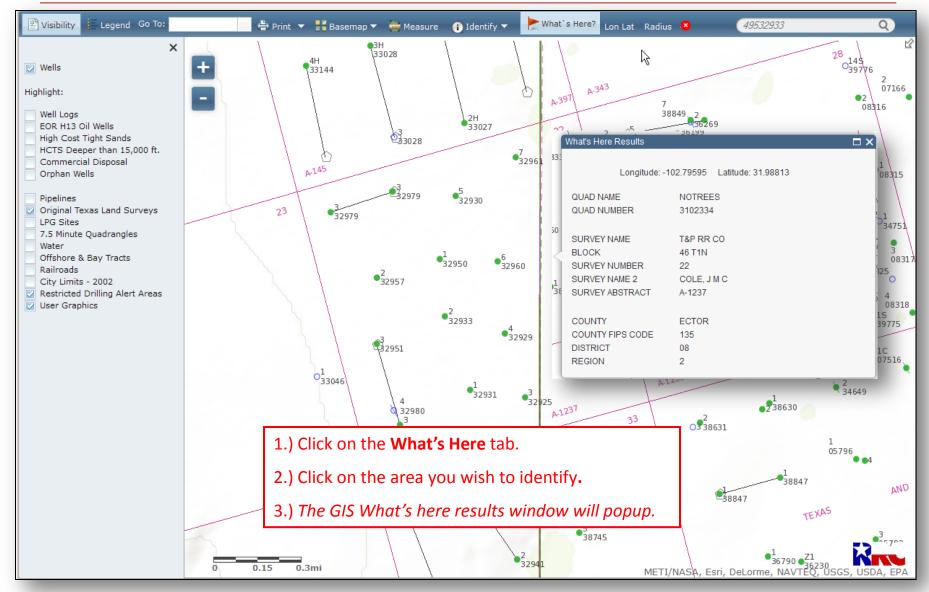
Identify Tool





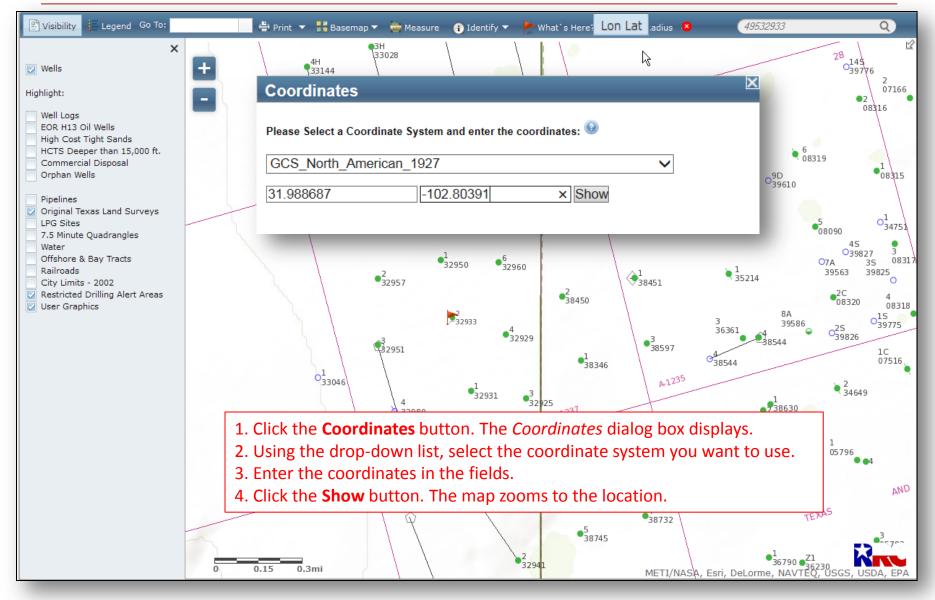
What's Here? Tool





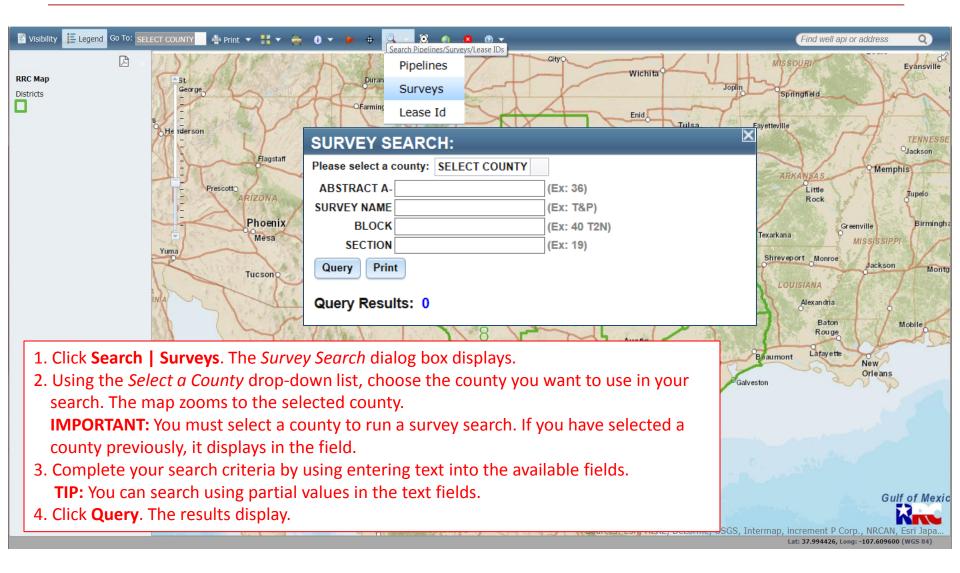
Coordinates Tool





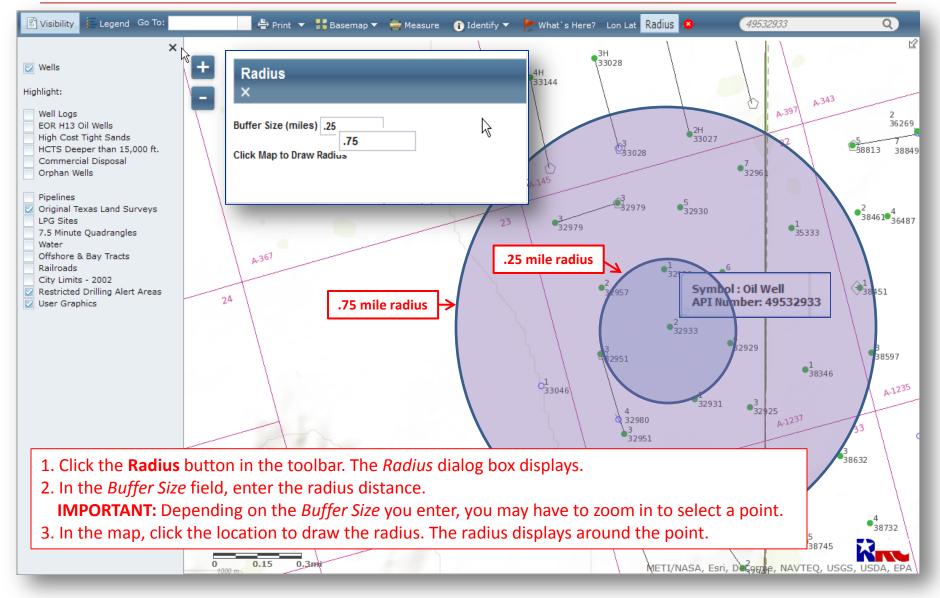
Search Tool





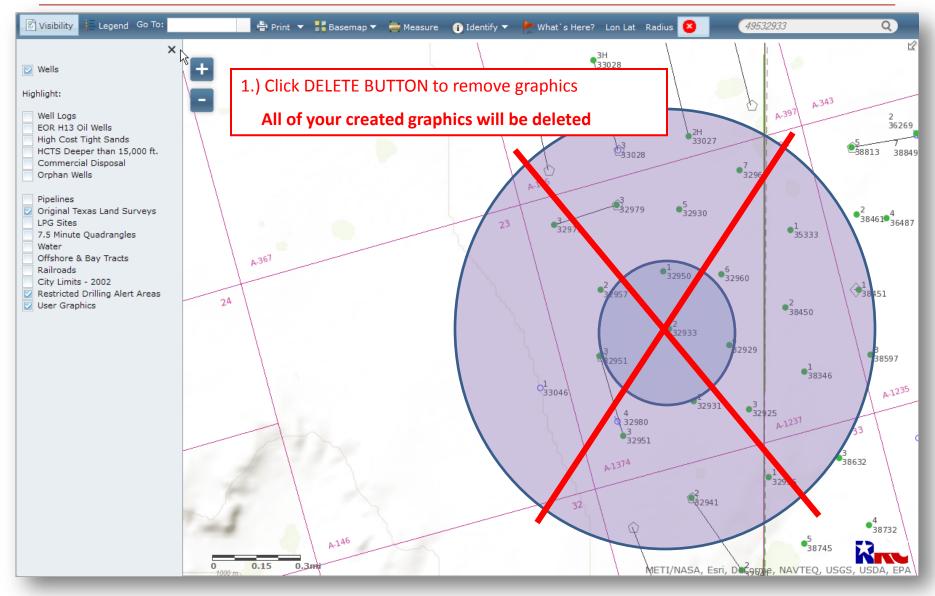
Radius Tool





Delete Graphics Tool





Search Window Tool





For more information contact:

Well Mapping
Mark Maddox
Patrick Maxwell

512-463-6851 512-463-1834 512-463-5289

